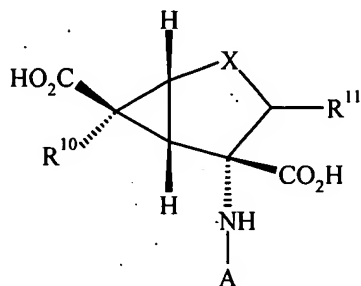


Amendments to the Claims

1. (Original): A compound of Formula I



(I)

wherein:

A is H-(Q)_p;

Q is independently selected, each time taken, from the group amino acyl;

p is an integer from 1 to 10;

X is O, S, SO, SO₂, or CR³R⁴;

R³ is fluoro, X'OR⁵, SO₃H, tetrazol-5-yl, CN, PO₃R⁶₂, hydroxy, NO₂, N₃,

(CH₂)_mCOOR^{5a}, (CH₂)_mPO₃R^{6a}₂, NHCONHR^{5b}, or NHSO₂R^{5c} and R⁴ is hydrogen; or R³

and R⁴ each represent fluoro; or R³ and R⁴ together represent =O, =NOR⁷, =CR⁸R⁹,

=CHCOOR^{5b}, =CHPO₃R^{6a}₂, or =CHCN; or one of R³ or R⁴ represents amino and the other represents carboxyl;

X' represents a bond, CH₂, or CO;

m is an integer from 1 to 3;

R⁵, R^{5a}, R^{5b}, R^{5c}, R⁷, R⁸, and R⁹ are independently a hydrogen atom; an optionally substituted (1-6C) alkyl group; an optionally substituted (2-6C) alkenyl group; an optionally substituted (2-6C) alkynyl group; an optionally substituted aromatic group; an optionally substituted heteroaromatic group; a non-aromatic carbocyclic group; a non-aromatic heterocyclic group; a non-aromatic monocyclic carbocyclic group fused with one or two monocyclic aromatic or heteroaromatic groups; or a non-aromatic monocyclic heterocyclic group fused with one or two monocyclic aromatic or heteroaromatic groups;

R^6 and R^{6a} independently represent hydrogen or a (1-6C)alkyl group;

R^{10} is hydrogen or fluoro; and

R^{11} is hydrogen, fluoro, or hydroxy;

or a pharmaceutically acceptable salt thereof.

2. (Original): A compound or salt according to Claim 1, provided that the compound or salt is not one in which X is CR^3R^4 wherein R^3 is fluoro and R^4 is hydrogen, p is 1, and Q is L-alanyl; or a pharmaceutically acceptable salt thereof.

3. (Currently amended; formerly multiple dependent Claim 3): A compound or salt according to Claim 1 wherein

A is $H-(Q)_p$;

Q is independently selected, each time taken, from the group amino acyl;

p is an integer from 1 to 3;

X is O, S, SO, SO_2 , or CR^3R^4 ;

R^3 is fluoro or hydroxy, and R^4 is hydrogen; or R^3 and R^4 together represent =O;

R^{10} is hydrogen or fluoro; and

R^{11} is hydrogen, fluoro, or hydroxy.

4. (Currently amended; formerly multiple dependent Claim 3): A compound or salt according to Claim 2 wherein

A is $H-(Q)_p$;

Q is independently selected, each time taken, from the group amino acyl;

p is an integer from 1 to 3;

X is O, S, SO, SO_2 , or CR^3R^4 ;

R^3 is fluoro or hydroxy, and R^4 is hydrogen; or R^3 and R^4 together represent =O;

R^{10} is hydrogen or fluoro; and

R^{11} is hydrogen, fluoro, or hydroxy.

5. (Currently amended; formerly multiple dependent Claim 4): A compound or salt according to Claim 1 wherein Q is an amino acyl derived from a natural amino acid.

6. (Currently amended; formerly multiple dependent Claim 4): A compound or salt according to Claim 2 wherein Q is an amino acyl derived from a natural amino acid.

7. (Currently amended; formerly multiple dependent Claim 4): A compound or salt according to Claim 3 wherein Q is an amino acyl derived from a natural amino acid.

8. (Currently amended; formerly multiple dependent Claim 4): A compound or salt according to Claim 4 wherein Q is an amino acyl derived from a natural amino acid.

9. (Currently amended; formerly Claim 5): A compound or salt according to any one of Claims 1-8 wherein X is SO₂.

10. (Currently amended; formerly Claim 6): A compound or salt according to any one of Claims 1-8 wherein X is CR³R⁴, R³ is fluoro, and R⁴ is hydrogen.

11. (Currently amended; formerly Claim 7): A compound or salt according to any one of Claims 1-8 wherein X is CR³R⁴, R³ is hydroxy, and R⁴ is hydrogen.

12. (Original; formerly Claim 8): A pharmaceutically acceptable salt according to Claim 1 that is an acid-addition salt made with an acid which provides a pharmaceutically acceptable anion; a base-addition salt made with a base which provides a pharmaceutically acceptable anion for a compound which contains an acidic moiety; or a zwitterionic compound which contains oppositely charged groups.

13. (Original; formerly Claim 9): A compound according to Claim 1 wherein

A is H-(Q)_p⁻;

Q is L-alanyl;

p is 1;

X is SO₂ or CR³R⁴;

R³ is fluoro and R⁴ is hydrogen;

R¹⁰ is hydrogen; and

R¹¹ is hydrogen;

or the hydrochloride salt, tosylate salt, mesylate salt, esylate salt, besylate salt, or monosodium salt thereof.

14. (Currently amended; formerly Claim 10): The pharmaceutically acceptable salt according to Claim 13 which is (1*R*,4*S*,5*S*,6*S*)-4-(2'*S*-Aminopropionyl)amino]-2,2-dioxo-2λ⁶-thia-bicyclo[3.1.0.]hexane-4,6-dicarboxylic acid hydrochloride or (1*R*,4*S*,5*S*,6*S*)-4-(2'*S*-Aminopropionyl)amino-2,2-dioxo-2λ⁶-thia-bicyclo[3.1.0.]hexane-4,6-dicarboxylic acid tosylate.

15. (Original; formerly Claim 11): The compound according to Claim 1 which is (1*R*,4*S*,5*S*,6*S*)-4-(2'*S*-4'-methylthio-2'-aminobutanonyl)amino-2,2-dioxo-2λ⁶-thia-bicyclo[3.1.0.]hexane-4,6-dicarboxylic acid or a pharmaceutically acceptable salt thereof.

16. (Currently amended; formerly Claim 12): The compound according to Claim 15 which is (1*R*,4*S*,5*S*,6*S*)-4-(2'*S*-4'-methylthio-2'-aminobutanonyl)amino-2,2-dioxo-2λ⁶-thia-bicyclo[3.1.0.]hexane-4,6-dicarboxylic acid monohydrate.

17. (Original; formerly Claim 13): The pharmaceutically acceptable salt according to Claim 1 that is 1*S*,2*S*,4*S*,5*R*,6*R*-2-(2'*S*-aminopropionyl)amino-4-hydroxy-bicyclo[3.1.0.]hexane-2,6-dicarboxylic acid hydrochloride.

18. (Original; formerly Claim 14): A compound according to Claim 1 wherein

A is H-(Q)_p;

Q is L-alanyl;

p is 1;

X is CR³R⁴;

R³ is fluoro and R⁴ is hydrogen;

R¹⁰ is hydrogen; and

R¹¹ is hydrogen;

or a pharmaceutically acceptable salt thereof.

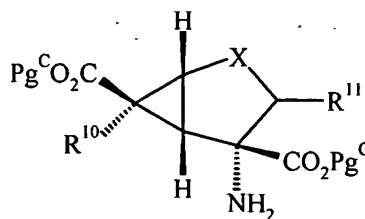
19. (Currently amended; formerly Claim 15): The compound or salt according to Claim 18 which is selected from the group consisting of:

- a) 1*R*,2*S*,4*R*,5*R*,6*R*-2-(2'*S*-2'-Aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic acid hydrochloride;
- b) 1*R*,2*S*,4*R*,5*R*,6*R*-2-(2'*S*-2'-Aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic acid mesylate;
- c) 1*R*,2*S*,4*R*,5*R*,6*R*-2-(2'*S*-2'-Aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic acid esylate;
- d) 1*R*,2*S*,4*R*,5*R*,6*R*-2-(2'*S*-2'-Aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic acid besylate;
- e) 1*R*,2*S*,4*R*,5*R*,6*R*-2-(2'*S*-2'-Aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic acid tosylate;
- f) 1*R*,2*S*,4*R*,5*R*,6*R*-2-(2'*S*-2'-Aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic acid; and
- g) 1*R*,2*S*,4*R*,5*R*,6*R*-2-(2'*S*-2'-Aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic monosodium salt.

20. (Currently amended; formerly Claim 16): The pharmaceutically acceptable salt according to Claim 19 which is (1*R*,2*S*,4*R*,5*R*,6*R*)-2-(2'*S*-2'-aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic acid mesylate.

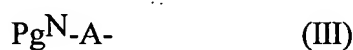
21. (Currently amended; formerly Claim 17): The pharmaceutically acceptable salt according to Claim 20 which is (1*R*,2*S*,4*R*,5*R*,6*R*)-2-(2'*S*-2'-aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic acid mesylate monohydrate.

22. (Original; formerly Claim 18): A process for preparing a compound of Formula I, or a pharmaceutically acceptable salt thereof, as claimed in Claim 1 comprising acylating a compound of formula (ii)



(ii)

with a corresponding amino acyl of Formula III



wherein Pg^N is a nitrogen-protecting group;

whereafter, for any of the above procedures, when a functional group is protected using a protecting group, removing the protecting group;

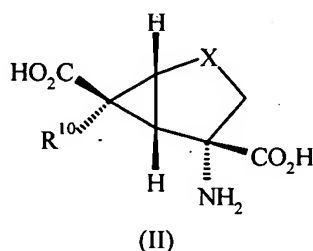
whereafter, for any of the above procedures: when a pharmaceutically acceptable salt of a compound of Formula I is required, reacting the basic form of such a compound of Formula I with an acid affording a pharmaceutically acceptable counterion; or for a compound of Formula I which bears an acidic moiety, reacting the acidic form of such a compound of Formula I with a base which affords a pharmaceutically acceptable cation; or for a zwitterionic compound of Formula I, neutralizing the acid-addition salt form or base-addition salt form of such a compound of Formula I; or by any other conventional procedure.

23. (Original; formerly Claim 19): A method for affecting the cAMP-linked metabotropic glutamate receptors in a patient, which comprises administering to a patient requiring modulated excitatory amino acid neurotransmission a pharmaceutically effective amount of a compound of Claim 1.

24. (New): A method for affecting the cAMP-linked metabotropic glutamate receptors in a patient, which comprises administering to a patient requiring modulated

excitatory amino acid neurotransmission a pharmaceutically effective amount of a compound of Claim 2.

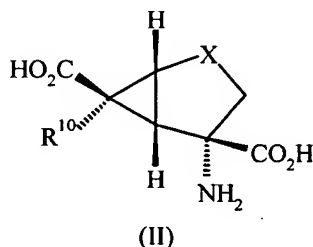
25. (Original; formerly Claim 20): A method of administering an effective amount of a compound of Formula II,



wherein X and R¹⁰ are defined as in Claim 1,

which comprises administering to a patient requiring modulated excitatory amino acid neurotransmission a pharmaceutically effective amount of a compound of Claim 1.

26. (New): A method of administering an effective amount of a compound of Formula II,



wherein X and R¹⁰ are defined as in Claim 2,

which comprises administering to a patient requiring modulated excitatory amino acid neurotransmission a pharmaceutically effective amount of a compound of Claim 2.

27. (Original; formerly Claim 21): A method for treating a neurological disorder in a patient which comprises administering to the patient in need of treatment thereof a pharmaceutically-effective amount of a compound of Claim 1.

28. (New): A method for treating a neurological disorder in a patient which comprises administering to the patient in need of treatment thereof a pharmaceutically-effective amount of a compound of Claim 2.

29. (Currently amended; formerly claim 22): The method of Claim 27 wherein said neurological disorder is cerebral deficits subsequent to cardiac bypass and grafting; cerebral ischemia; spinal cord trauma; head trauma; Alzheimer's Disease; Huntington's Chorea; amyotrophic lateral sclerosis; AIDS-induced dementia; perinatal hypoxia; hypoglycemic neuronal damage; ocular damage and retinopathy; cognitive disorders; idiopathic and drug-induced Parkinson's Disease; muscular spasms; migraine headaches; urinary incontinence; drug tolerance, withdrawal, cessation, and craving; smoking cessation; emesis; brain edema; chronic pain; sleep disorders; convulsions; Tourette's syndrome; attention deficit disorder; and tardive dyskinesia.

30. (New): The method of Claim 28 wherein said neurological disorder is cerebral deficits subsequent to cardiac bypass and grafting; cerebral ischemia; spinal cord trauma; head trauma; Alzheimer's Disease; Huntington's Chorea; amyotrophic lateral sclerosis; AIDS-induced dementia; perinatal hypoxia; hypoglycemic neuronal damage; ocular damage and retinopathy; cognitive disorders; idiopathic and drug-induced Parkinson's Disease; muscular spasms; migraine headaches; urinary incontinence; drug tolerance, withdrawal, cessation, and craving; smoking cessation; emesis; brain edema; chronic pain; sleep disorders; convulsions; Tourette's syndrome; attention deficit disorder; and tardive dyskinesia.

31. (Currently amended; formerly Claim 23): The method of Claim 29 or 30 wherein said neurological disorder is drug tolerance, withdrawal, cessation, and craving; or smoking cessation.

32. (Original; formerly Claim 24): A method for treating a psychiatric disorder in a patient which comprises administering to the patient in need of treatment thereof a pharmaceutically-effective amount of a compound of Claim 1.

33. (New): A method for treating a psychiatric disorder in a patient which comprises administering to the patient in need of treatment thereof a pharmaceutically-effective amount of a compound of Claim 2.

34. (Currently amended; formerly Claim 25): The method of claim 32 wherein said psychiatric disorder is schizophrenia, anxiety and related disorders, depression, bipolar disorders, psychosis, and obsessive compulsive disorders.

35. (New): The method of claim 33 wherein said psychiatric disorder is schizophrenia, anxiety and related disorders, depression, bipolar disorders, psychosis, and obsessive compulsive disorders.

36. (Currently amended; formerly Claim 26): The method according to any one of Claims 34 or 35 wherein said psychiatric disorder is anxiety and related disorders.

37. (Original; formerly Claim 27): A pharmaceutical formulation comprising in association with a pharmaceutically acceptable carrier, diluent or excipient, a compound of Formula I, or a pharmaceutically acceptable salt thereof.